

MovaNext



User manual for

• Lux Plus

Introduction

Congratulations on the purchase of your MovaNext bike carrier!
This manual contains important user information with tips and warnings about correct and safe use of the product. So read this manual carefully before using the product.
Your bike carrier is ready for use and set for a standard tow bar with a neck thickness of 28 mm and a tow ball with a diameter of 50 mm.

We wish you lots of pleasure while using the MovaNext!

The MovaNext bicycle carrier has EU type approval granted by the RDW.

Symbolen in deze handleiding



Note: *These are points you must bear in mind while using the bicycle carrier. You then avoid damage and unsafe situations.*



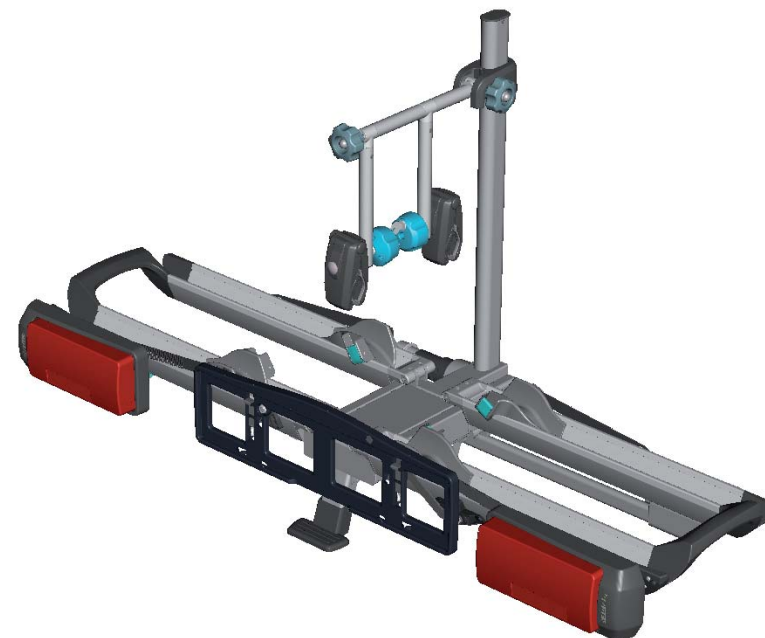
Tip: *Information to use the MovaNext safer and easier.*

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1 Your MovaNext

This manual explains the use of the MovaNext Lux Plus bicycle carrier.

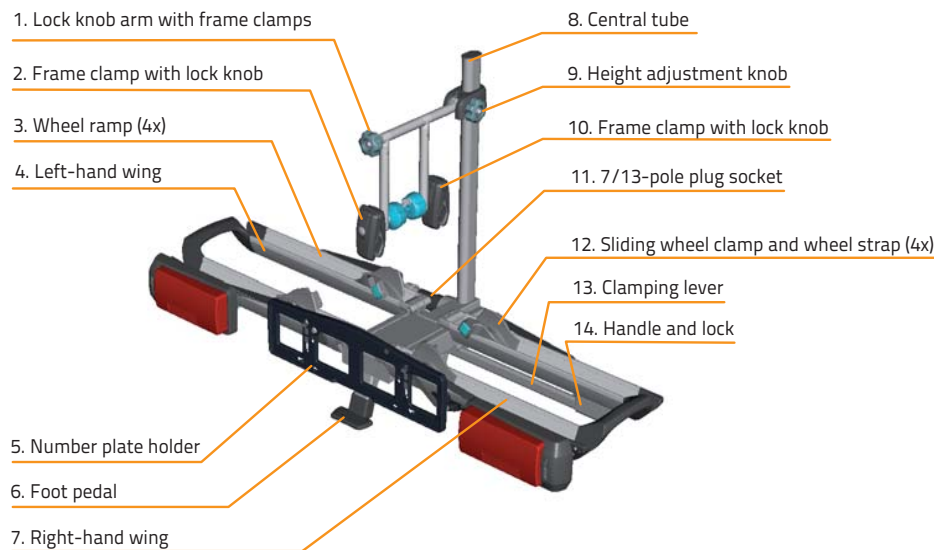


Lux Plus
Equipped with tilting mechanism
Lighting: filament bulbs

2 Components

This section explains the parts of the MovaNext bicycle carrier. The pictures show the Lux Plus. More information and instruction films can be found at www.movanext.com

MovaNext Lux Plus



3 Points for consideration

1. Use the parts list in section 2 to check that all necessary parts of the carrier have been supplied. Check that all parts are intact and in working order.
2. If a part is missing or not in working order it must be replaced to ensure the safety of your bicycle carrier. In such a case contact your supplier. For information about ordering parts see www.movanext.com
3. The bicycle carrier may only be used to transport a maximum of two bicycles.
4. The bicycle carrier can carry a maximum load of 60 kg. The weight of the Lux and Vision is 15.5 kg. Make sure that the maximum trailer nose weight of the tow bar is not exceeded.

The table mentions the maximum permitted weight for one or two bicycles on the bicycle carrier in combination with a specific permitted trailer nose weight. The difference between the permitted trailer nose weight and the maximum weight on the bicycle carrier is 15.5 kg, being the weight of the carrier itself.

MovaNext Lux Plus			
Permitted trailer nose weight	Carrier weight	Maximum weight 2 bicycles	Maximum weight 1 bicycle
50 kg	15.5 kg	34.5 kg	30 kg
60 kg	15.5 kg	44.5 kg	30 kg
70 kg	15.5 kg	54.5 kg	30 kg
75 kg	15.5 kg	59.5 kg	30 kg
80 kg of meer	15.5 kg	60 kg	30 kg

5. Always fit the wheel clamps on the wheels of a bicycle using the wheel straps. These wheel straps fix the bicycle to the carrier and the wheels cannot move out of the wheel rail while driving.
6. On longer journeys or if driving over poor or unhardened surfaces regularly (every 2-3 hours) check the fastening of the bicycles and carrier.
7. Before you drive off always check that the bicycle carrier lights are working. Driving with a bicycle carrier with the lights not working is an offence. The driver of the car is responsible for this.
8. Child's seats, water bottles, etc. must be removed from the bicycle. These items can come loose while driving. It is recommended to also remove bicycle bags from the bicycle.
9. If the carrier is not mounted on the tow bar, always place the tow bar plug in its holder. This is to prevent damage.
10. The bicycle carrier can be locked to prevent theft and inadvertent unlocking. So always use these locks when you are on the way with the MovaNext.
11. When fitting and removing the bicycle carrier make sure that you first unlock the lock. You then avoid damage to the carrier.
12. To extend the life of the bicycle carrier it is important to store the carrier in a dry place and maintain it properly (see section 11: Maintenance and replacement).
13. If you have had an accident with your vehicle while the bicycle carrier was assembled, you must have the carrier checked for damage by the dealer. You must also check the carrier after swerving or after driving on a poor surface for any length of time.
14. No changes of any nature may be made to the carrier. Using non-original replacement parts and the use of bungee cords is also not allowed.
15. The bicycle carrier is unsuitable for driving on unsurfaced roads and driving at speeds higher than 130 kph.
16. The bicycle carrier is only suitable for standard two-wheeled bicycles. Tandems or three-wheelers may not be transported on the bicycle carrier.
17. Take care when mounting a bicycle with a carbon frame. Fixing too firmly can cause damage to these bicycles. The manufacturer accepts no liability for damage to carbon frames.
18. When the foot pedal is pressed, the bike(s) must be held with two hands firmly (see Chapter 7: Tilting the carrier).
19. When the bike made an uncontrolled freefall after (improper) use of the foot pedal, you have bicycle carrier inspected for damage at your dealer.

4 Tips

1. Preferably fit the frame clamps as high as possible on the saddle or frame tube of the bicycle for maximum stability.
2. When storing, place the bicycle carrier upright with the grip facing upwards. You then avoid damage to the carrier.
3. The total length of the vehicle increases when the bicycle carrier is assembled. The height and width can also increase. Remember this when reversing, parking, etc.
4. Remove the bicycle carrier from the tow bar before you drive into a car wash.
5. To save fuel, it is advisable to not assemble the bicycle carrier on the tow bar when no bicycles are being transported.
6. If your vehicle has a boot lid that automatically opens it is advised to switch this function off. You then avoid damage to the bicycle carrier and your vehicle.
7. Go to www.movanext.com for accessories and more information on how to use the bicycle carrier in a more simple way.
8. The 13-pole plug socket works with a bayonet catch so the plug turns a quarter turn and is firmly fixed. Should the plug not fit in the connection on your car check if:
 - the notch in the plug matches the recess in the socket on the car (see figure).
 - the 3 slots in the plug are correctly positioned for the notch in the socket (see figure).
 - the pins are correctly positioned for the notch (see figure).



5 Fitting the bicycle carrier



1. Assembling the bicycle carrier on the tow bar

Make sure that the tow ball is not dirty or greasy. Fit the bicycle carrier slightly tilted towards you on the towbar then bring it upright.



2. Push the handle down

Push the handle down until it is in a horizontal position. Keep the central tube as vertical as possible. When the handle has been rotated to maximum, you will hear a “click” and the carrier will fix itself automatically.



3. Close the lock

With the key you can lock the fixation on the towbar. With this you be sure that the fixation cannot release. Turn the key to close the lock and take the key with you. In this way you reduce the chance on thievery.



4. Open the clip

The two wings are kept together with a clip. Open the clip to unfold the wings.



5. Unfold the right wing

Unfold the right wing until it stays in a horizontal position.



6. Connect the plug

Take the plug out of the socket and plug it into socket from your car. The plug has a 7- and a 13-poled side. Cover the side who is not in use with the supplied cap.



7. Unfold the left wing

Unfold the left wing until it stays in a horizontal position. Check if the central tube is still straight up (vertical).



8. Check the bicycle carrier

Check that the carrier stays straight by alternately pressing the wings. Check the clamping force by pulling a wing towards you.



See section 13 if the carrier is not straight or if clamping is not sufficient.

6 Mounting bicycles



1. Wheel straps

Insert the wheel straps in their holders in order to place them along the rails and do not impede the placing of the bicycle.



2. Fold the frame clamps upwards

Folding the frame clamps upwards makes placing the bicycle(s) easier. First loosen the locking button to do this.



This can be particularly useful when using a ramp (see section 8).



3. Place the bicycle in front of the bicycle carrier

Place the first (lady's) bicycle in front of the carrier with the chain guard facing the car. Then squeeze both brakes and lift the front wheel into the rail.



4. Place the bicycle in the wheel rail

Lift the rear wheel into the wheel rail. One hand remains on the handlebars.



You can also use a ramp to put the bicycle(s) on the MovaNEXT.



5. Lift into the back wheel rails

Lift the bicycle from the front wheel rails into the rear wheel rails.



Make sure that the bicycles are in the middle of the carrier.



6. Bring the frame clamps to height

Loosen the height adjustment knob. Adjust the arm to the correct height. Then tighten the knob again finger-tight.



7. Fix the frame clamps

Loosen the frame clamp and preferably position it as high as possible on the saddle tube. Turn it finger-tight.



Never turn the lock knob fully out of the screw thread.



8. Lock the frame clamps

Door gebruik te maken van de sloten in de slotknoppen beschermt u de fietsen tegen diefstal.



After locking remove the key from the lock.



9. Move the wheel rails

Slide both wheel clamps as close as possible to the wheels and fasten the wheel straps: insert the wheel straps through their openings and tighten them.



10. Place a second bicycle

Repeat steps 1 to 9 for the second bicycle.



Always place a second bicycle in the opposite direction to the first bicycle.



11. Check fastening points



Check whether:

- the height adjustment knob, lock knob and frame clamps are tightened finger-tight.
- the wheel straps are pulled tight.
- the keys have been removed from the knobs.



12. Check the position of the carrier



The bicycle carrier must be fixed upright on the tow bar. You can check this by looking from the side to see if the central tube is vertical.

7 Tilting the carrier



1. Tilting downwards

Take the bicycle tightly with 2 hands and press with your feet the pedal down. Always tilt the carrier in a controlled way.



Hold the carrier always tightly with 2 hands.



2. Tilting upwards

Take the bicycle tightly with 2 hands and til the carrier upwards. When the carrier is in the right position, you will hear a “click” sound and the carrier is fixed.



When the carrier is fixed you can see a green coloured indication.



3. Control the stability



Control if the carrier is locked by till the carrier to you.

8 Using the ramp



1. Assembly

The ramp consists of two parts. Connect the two parts to each other by inserting the pin of the one part in the hole in the other.



2. Place the ramp against the carrier

Place the ramp alongside the carrier. The hook at the end of the ramp must fit in the wheel rail as shown in the figure.



Fold the frame clamps upwards to ease the placing of the bicycle.



3. Ride the bicycle onto the carrier

Now ride the bicycle onto the carrier. Always keep at least one hand on the handlebars. Fold the frame clamps downwards when the bicycle is on the bicycle carrier. Before securing the bicycles check from step 6 in section 6.



4. Storing the ramp

The two parts of the ramp can be placed inside one another for easy storage. The hook on the one part fits in an opening in the other part.

9 Dismounting the bicycle(s)



1. One bicycle at a time



Only one bicycle at a time can be lifted from the carrier. Only loosen the belts and frame clamp of the bicycle you are going to remove.



2. Loosen the wheel straps

Loosen the wheel straps of the bicycle to be removed by pressing the blue knob and pulling the straps out.



3. Loosen the frame clamp

Loosen the frame clamp from the bicycle to be removed and take it from the saddle tube.



Hold the bicycle while you loosen the clamp so the bicycle cannot fall.



4. Remove the bicycle

Lift the bicycle from the bicycle carrier.



You can also do this per wheel as described in step 3 in section 6. "Mounting bicycle(s)"



5. Loosen the other wheel straps

Loosen the wheel straps of a second bicycle by pressing the blue knob and pulling the straps out.



6. Loosen the second frame clamp

Loosen the frame clamp from the bicycle to be removed and take it from the saddle tube.



Hold the bicycle while you loosen the clamp so the bicycle cannot fall.



7. Remove the second bicycle

Lift the bicycle from the bicycle carrier.

10 Afnemen fietsendrager



1. Slide the wheel clamps inwards

To easily fold the bicycle carrier up, the wheel clamps are best slid into each other with the straps flat in their holders. (See figure).



2. Frame clamps

Hang the frame clamps straight down and tighten the locking knob.



3. Left-hand wing upwards

Unlock the wings by sliding the slide for locking towards the car. Now you can (at the same time) lift the left-hand wing.



4. Remove the plug

Take the plug from the car's plug socket and place it in the bicycle carrier's plug holder. Fit the cap on the open plug part.



5. Right-hand wing upwards

Keep the left-hand wing in the vertical position and fold the right-hand wing upwards.



6. Fasten with the clip

Fasten the two wings using the clip.



7. Unlock the carrier

Unlock the carrier by turning the key and opening the lock. Pull up the handle with by pressing the button.



The carrier is now no longer fixed on the towbar.



8. Remove from the tow bar

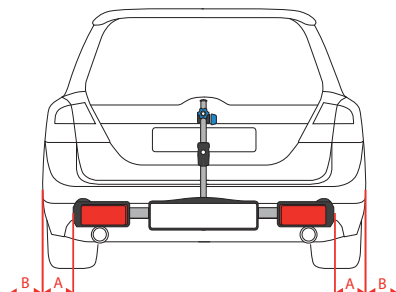
You can now tilt the bicycle slightly towards you and lift it from the towbar.

11 Bicycle transport and the law



In this chapter different regulations will be explained which are required according the law. Stick to these rules and bring yourself and others not in danger.

- This section describes different regulations set by law. You must comply with these regulations to avoid putting yourself and others in danger.
- The maximum trailer nose weight of the tow bar may not be exceeded (see section 3). So check the maximum trailer nose weight for your car.
- Adapt your driving speed to the traffic conditions and drive with common sense.
- There must be a white number plate on the bicycle carrier.
- Different regulations often apply abroad - the protrusion of loads at the side is often prohibited. Make sure you know the regulations before you depart!
- The distance between the end of the bicycle carrier (measured from the light) and the side of the car may be at most 50 cm in the Netherlands. The distance between the end of the bicycle carrier (measured from the light) and the side of the car may be at most 40 cm in Germany. (Distance A in the figure below).
- The bicycles on the bicycle carrier may protrude no more than 20 cm on both sides of the car. (Distance B in the figure below).



12 Maintenance and replacement

With normal use the bicycle carrier is maintenance-free. It is however recommended to clean the bicycle carrier and keep it in a dry space. Cleaning the bicycle carrier requires extra attention in the winter when grit remains can corrode hinging parts. This can for example mean folding the wings in and out becomes stiffer and the lock can rust up. So always rinse the bicycle carrier after use in the winter and store the bicycle carrier dry. Defective parts must be replaced for safety reasons.

See www.movanext.com for the order numbers or ask your MovaNext dealer.

13 Adjustment on a tow bar

It is important that the bicycle carrier is and remains upright on the tow bar. Your bicycle carrier is set by default for a tow bar with a neck thickness of 28 mm and a tow ball measuring 50 mm. It may be the case that the diameter of the tow ball, the thickness of the tow bar neck or the angle of the tow bar neck are different. This can mean the bicycle carrier is less stable or out of square on the tow bar. The steps below allow you to check if your carrier is correctly assembled. If in doubt contact your dealer.



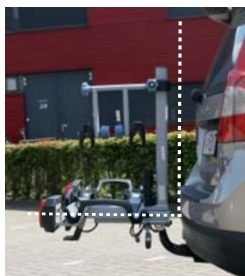
Check for clamping force

Test the clamping force by trying to rotate the bicycle carrier. Do this by pulling the wing briefly towards you once. If you can easily rotate the carrier, see paragraph 13.1 'Too large or too small tow bar'.



Check for straightness and stability

Check if the bicycle carrier is horizontal. Then test the stability by pushing the wings downwards one by one. If the carrier moves, refer to paragraph 13.2 to improve stability.



Check for horizontal position

Check that your bicycle carrier is assembled straight by seeing if the central tube is straight. If the carrier is askew on the tow bar, see paragraph 13.2 on how you can improve the position of the carrier.

13.1 Too large or too small tow bar

The bicycle carrier clamps on the tow ball to avoid rotation. An incorrect clamping force can have different reasons:

- The carrier is adjusted for a tow ball with a larger diameter. In that case you can easily rotate the bicycle carrier on the tow bar. If the ball is smaller, the clamping force is too low.
- The carrier is adjusted for a tow ball with a smaller diameter. In that case folding the wings down is difficult. If the ball is larger, the clamping force is too high.
- The clamping force of the carrier is reduced due to the wearing of the push bolts. The clamping force is then too low.

To change the clamping force you need:

- Spanner 14



Correct adjustment is important for safe use of your bicycle carrier. If in doubt contact your dealer.



For information: the clamping force is too high if you can no longer manually fold the wings down.

The clamping force is too low if the wings fold down very lightly and the carrier moves on the tow ball.

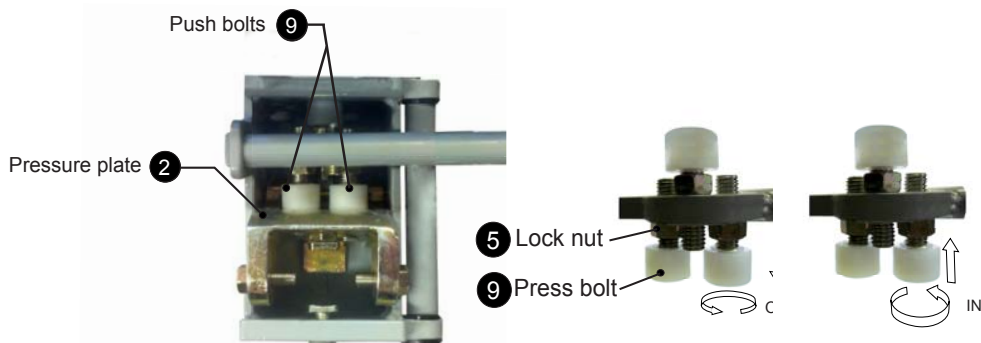
Changing the clamping force



It is not advised to change the clamping force while the bicycle carrier is placed on the tow bar.

The adjustment of the push bolts causes greater or lesser clamping with the pressure plate. Make sure that both push bolts protrude equally.

1. Loosen the locking nuts of both push bolts (9).
2. If the clamping force is too low: Turn the push bolts a half turn out.
If the clamping force is too high: Turn the push bolts a half turn in.
3. Tighten the locking nuts of both push bolts (9) again.
4. Check whether the clamping force is sufficient by fitting the carrier and folding a wing down. Test if the operating force is not too high.
5. Test the clamping force by trying to rotate the bicycle carrier. Do this by briefly pulling the wing towards you once.
6. Repeat these steps until the clamping force is sufficient.



13.2 Improving the stability and position of the Lux/Vision.

The stability and straight position of the bicycle carrier are determined by the position of the neck bolts. Insufficient stability and/or an incorrect position can be caused by:

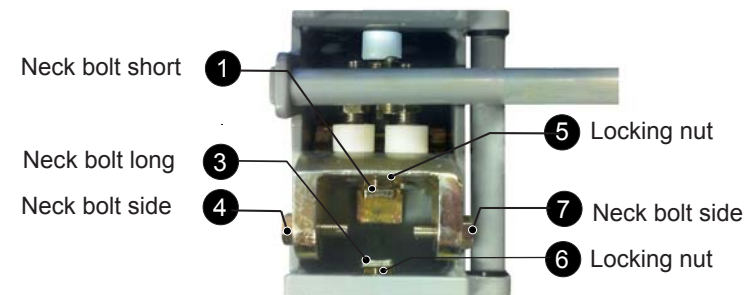
- Too much clearance between the neck bolts and the tow bar neck. You can then easily move the bicycle carrier. This can occur with tow bars with a thin neck.
- Neck bolts are turned out too far. Then the neck bolts press against the neck of the tow bar. The bicycle carrier then not clamped on the tow ball but on the neck. The bicycle carrier can then easily rotate on the tow bar and this is unsafe.
- A tow bar with oblique neck. With incorrect adjustment the bicycle carrier can tip over backwards. See changing the position.

To adjust the carrier you need:

- Spanner 10 / Spanner 13



It is not advised to change the clamping force while the bicycle carrier is on the tow bar.



Improving stability - front/back

1. Undo locking nuts (5) and (6) with spanner 13.
2. With too much clearance between the neck bolts and the neck of the tow bar: turn neck bolts (1) and (3) a half turn out with spanner 10.
With too little clearance between the neck bolts and the neck of the tow bar: turn neck bolts (1) and (3) a half turn in with spanner 10.
3. Adjust the neck bolts must, so that they just do not touch the neck.
4. Tighten the locking nuts (5) and (6). The head must be horizontal.
5. Test the stability of the carrier on the tow bar. Check the distance between the neck bolts and the tow bar neck.

Improving stability - left/right

1. Unlock the nuts of the neck bolts side (4) and (7) with spanner 13.
2. With too much clearance between the neck bolts side and the neck of the tow bar: turn the neck bolts side (4) and (7) a half turn out.
With too little clearance between the neck bolts side and the neck of the tow bar: turn neck bolts side (4) and (7) a half turn in.
3. The neck bolts side may just not touch the neck.
4. Tighten the locking nuts while you hold the neck bolts side in place.
5. Test the stability by putting the carrier on the tow bar. Also check the distance between the wing bolts and the tow bar neck.



The bolts may not be clamped against the neck of the tow bar.

The space between the neck and the bolts must be approximately equal to the thickness of a sheet of paper.



*Correct adjustment is important for safe use of your bicycle carrier.
If in doubt contact your dealer.*

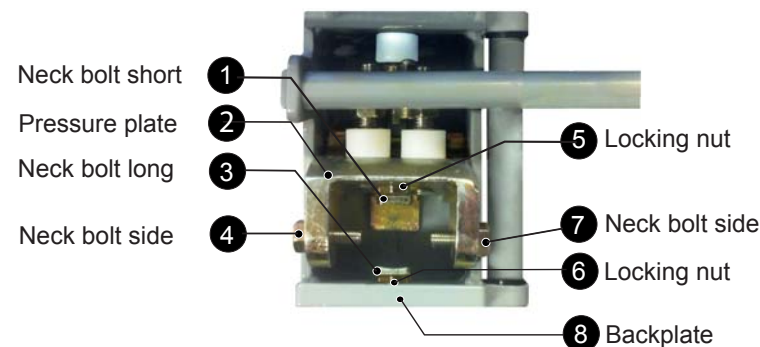
Changing the position.

If the bicycle carrier is slanting forwards, the position must be changed.

The neck bolts (1 and 3) have a different length.
With a tow bar with oblique neck the neck bolts must be swapped to adjust the bicycle carrier.



1. Undo locking nuts (5) and (6) with spanner 13.
2. Turn neck bolt (1) out of the pressure plate (2) and neck bolt (3) out of the back plate (8) with spanner 10.
3. Remove the locking nut (5) from the short neck bolt (1).
4. Place the short neck bolt (1) in the backplate (8). Turn the neck bolt as far as possible in the backplate. Turn the loose locking nut (5) on the backside from the backplate (8) on the neck bolt (1).
5. Tighten the locking nut (5) to fix the short neck bolt (1)



*Normal mounting from neck bolts:
Neck bolt short (1) in the pressure plate (2)
Neck bolt long (3) in the back plate (8).*

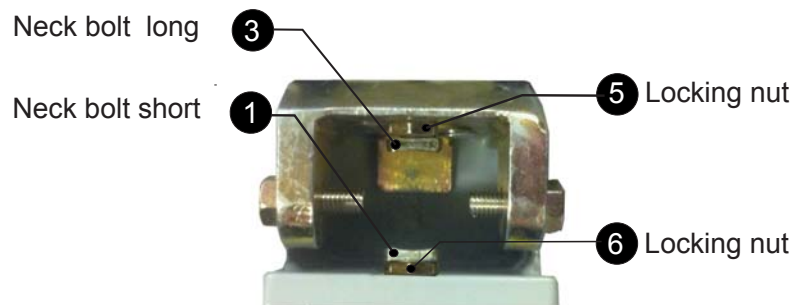
6. Put the short neck bolt (3) with the locking nut (6) in the pressure plate (2).
7. Tighten the locking nut (6). The head (3) should stay in a horizontal position.
8. Note that the neck bolts are swapped instead and that the locking nut (5) now is on the backside of the backplate
9. Check the position of the bicycle carrier on the tow bar.



The position of the bicycle carrier can be corrected by varying the space between the pressure plate (2) and the head of the neck bolt (3). Take small steps during adjustment and always check the result on the tow bar. Always set the neck bolt horizontally again and then tighten the locking nut.



Correct adjustment is important for safe use of your bicycle carrier. If in doubt contact your dealer.



*Custom installation neck bolts:
long neck bolt (3) and short neck bolt (1) are interchanged.*

14 Guarantee conditions

This section describes the guarantee conditions for the bicycle carrier described.

When can you claim on the guarantee?

A two-year guarantee is provided on presentation of a purchase note with date of sale. The guarantee is only provided for construction faults and corrosion (rust formation).

When can you not claim on the guarantee?

The manufacturer of the bicycle carrier is not liable for unsafe situations, accidents or damage that are the consequence of:

- Ignoring warnings or instructions as shown on the MovaNext or included in this documentation.
- Use of the carrier for other purposes or in other circumstances than mentioned in this user manual.
- If any changes are made to the carrier in any way. This includes using non-original replacement parts and the use of (elastic) bungee cords.
- Insufficient maintenance (see section 11: maintenance and replacement).
- Accidents, illegal and incompetent use of the vehicle or failures to the vehicle on which the bicycle carrier is assembled.
- Driving on unsurfaced roads.
- Driving with a bicycle carrier at speeds above 130 kph.

The manufacturer is not liable for consequential damage with a fault in the bicycle carrier such as damage to a car or bicycle.

Your dealer:

Dealer sticker/stamp:

Producer:
Indes B.V
www.indes.eu

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